

# INCO TRIANGLE

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NUMBER 10



Santa & Friends at Lively

(STORY ON PAGE 2)



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 Don M. Dunbar, Editor  
 1000 BELL STREET TORONTO, CANADA

## God Bless Us, Every One

There are times when we feel that the year is a long time to live in the shadow of death.

There are times when we feel that the year is a long time to live in the shadow of death.

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A MERRY CHRISTMAS

AND A HAPPY NEW YEAR

### THE FRONT COVER

Triangle has a departure from its usual style of Christmas cover as a result of a nice stroke of co-operation from Jack Curran and Gerry Mahon, chairman and vice of the Lively Christmas Tree Committee. That pair of inventors kindly obtained a preview for our camera. We were able to press a few pictures of them and their helpers as they were in action at the festive entertainment.

In this happy group of good cheer specialists are Sandy, impersonated by Neil O'Hara; Bugs Burey; Carol Mahon; Donnie Dark; Marlene Kneiberg; Maureen Moore; Elaine Wilson; Minnie Moore; Carol Kneiberg; and Cowan; Julie Donnelly; Miss Merry Christmas; Betty McAdam; Little Red Riding Hood; Freema; Red Riding Hood; Phil McMill; Goldilocks; Patsy Spencer; and Little Boy Blue; Elaine Donnelly.

## Guletide Greetings from the Chairman of Inco's Board of Directors

As the year ends, I feel it my duty to express to you all my appreciation for the hard work and devotion that you have shown in the past year.

May the new year bring you all the best and may the Inco family be united in the year ahead.

John F. Thompson

## Steady Increase Seen in Use of Platinum Metals

The steadily increasing use to which industry is putting the platinum group metal was discussed in an interesting letter to the shareholders of the Company last month from the chairman of the board, Dr. John F. Thompson. He wrote:

Although the Company is best known as a producer of nickel, it is also a leading producer of platinum metals. These precious metals occur in small amounts, together with other elements in the slaggy nickel refinery, which form the basis of the Canadian nickel industry. Many tons of ore must be treated to produce the ounce of by-product platinum metals.

International Nickel recovers platinum, palladium, rhodium, ruthenium and osmium as by-products of the refining of nickel and export. The refined platinum metals are sold in free world markets, the greater portion going to the United States market, the largest consumer.

The most important of these precious metals is platinum. Probably better known as a jewelry metal, the current use of platinum by modern industry exceeds its applications for jewelry. For instance, the production of the great quantities of rayon fiber used in the manufacture of fabrics, clothing and tires would not be economically possible without the use of chemicals made of platinum metal alloys containing up to 90 per cent platinum. High speed motor fuel has been added in recent years to the growing list of industries whose development and manufacture have been facilitated through the use of platinum, as a catalyst. Other

important catalytic applications of platinum are in the manufacture of chemical and pharmaceutical products. Aircraft spark plug electrodes, electronic circuits and certain radio tubes are examples of articles in which platinum is used. In addition, platinum alloys find large use in the handling of molten glass during manufacture of such products as electron light bulbs, glass fiber and optical glass.

Palladium, second only to platinum in commercial importance, is employed extensively for electrical contacts in telephone switching equipment and other automatic controls for dentures and other dental restorations and as a catalyst in the production of modern motor fuels, vitamins and chemicals. It is gaining increasing acceptance throughout the world as the best precious metal for jewelry.

Rhodium is used in electroplating to produce a brilliant finish on jewelry and such articles as collectors and is often employed in platinum alloys for high temperature applications. Ruthenium and osmium are used chiefly as hardeners for platinum and palladium alloys of ruthenium are employed for the tipping of points of fountain pens, long-life phonograph needles and points of compasses.

As our output increases, the Company's principal product, osmium, we may look forward to a greater yield of the valuable by-product platinum metals for use in new and broader applications being developed by industry.

### PRAT TALK

Young Man: Of course I'll be happy with my life as it is. I've been married, I'll spend it on you as fast as I make it. Now what else do you want to know?

Girl: How fast do you make it?

There is no power on earth more reliable than the truth. M. R. Beck



**LET'S FACE IT.** "I have it on excellent authority that fingers were made before spoons," said Miss Linda Acheson, 15 months, daughter of Mr. and Mrs. Tommy Acheson of Copper Cliff, when interviewed.

## A Christmas Salute to Young Inco



**FRIENDS.** Janet Ruth felt better about facing the camera after her pal Tommy, the pussycat, joined her. She's 16 months and the daughter of Mr. and Mrs. Percy (Creighton Mine) Keirle of Lively.



**YIPPEE! BANANAS!** Mr. and Mrs. Bernard Lee of Port Colborne had no trouble teaching young Christopher, 12 months, to walk. All they did was hold up his favorite fruit and he almost kicked his crib apart to go after it.



**NOT ANOTHER DROP!** Michael Keast of Levack may be only 14 months old but fortunately he knows what's good for him and is not to be hoodwinked by some pretty girl into over-eating — even if she does happen to be his own mother.



**HEY! WHERE'S THOSE BOTTLES?** This is no joke — especially on empty stomachs. Hurry up with the supper, mother! Timmy and Tommy, 5 months old, are twin sons of Mr. and Mrs. Marvin Brouse, Willisville. They have two sisters.



Maestro Emil First conducting, Sudbury Symphony Orchestra is seen in rehearsal for its concert to be held in the High School auditorium on January 13 at 8.15. There are now more than 40 musicians in this well-balanced orchestra, which has made tremendous strides since its organization less than three years ago by Mr. First, director of music in Sudbury public schools. Violinist seen to the left of Mr. First is Dr. John D. Gliddon, president of the orchestra. Rehearsals are held Sunday afternoons in King George Public School.



Brilliant young Sudbury musicians who have distinguished themselves in the annual Kiwanis Music Festivals are among the members of the Sudbury Symphony. Seen in this sectional closeup are (front row) Iona Lindberg and Paul Groote, flutists; Roy C. Barnes, well-known Inco pensioner; Viola, and Richard Buyarski, violin; (second row) Carol Meades and Beverly Miller, clarinets; Bill Noble, saxophone, and Ella Minkkila, piano; (back row) Earl Simard, baritone; Nancy Furchner, trombone; Judith Westaway, Stuart Stelmack, and Stuart Harris, trumpets.

## Orchestra Will Make Debut in Concert Jan. 13

Ella Minkkila, sensational young Sudbury pianist, will play the solo in a special setting for piano and strings of a Mozart sonata, as one of the feature numbers at the concert to be given by the Sudbury Symphony orchestra in the High School auditorium on January 13 at 8.15.

Three movements from a flute suite will be another headliner on the program, with Paul Groote of Copper Cliff taking the solo part. Still another feature will be a piano solo with orchestral background by Earl Simard, the brilliant director of music at the High School.

The January concert will be the debut of a musical organization that has been almost three years a building under the inspired guidance of Emil First, ATCM, Mus. Bac., teacher of music in the public schools.

Many Incoites have a personal interest, directly or indirectly, in this fine undertaking, which deserves the enthusiastic support of the community. Sudbury District has come a long way culturally, and a successful symphony orchestra will be another important milestone in its progress.



(LEFT) Completely absorbed in the beauty of a Mozart sonata are these three young violinists, Gary McKenzie, Helen Roe, and Mildred Istona. (RIGHT) Marie and Paulette Noel deTilly are the violinists in the foreground; Paulette, just 11, has a half-size violin. Behind them the cellists, Bill Kurylow of Froid-Stobie, Bruce Fraser of Copper Cliff Lab., and Ezra Lemke of the CPR relax at their favorite spare-time hobby.





Junior members of the orchestra get special attention from Mr. First, who is very proud of the musicianship shown by this section. In profile at the right is Peter Schneider, whose father, Bill, is a Frood-Stobie man.

Dr. J. D. Gliddon is the president of the orchestra and A. G. (Bert) Bell is the business manager and treasurer. Personnel at a recent roll call was as follows: Dr. Gliddon, Bert Bell, Helen Roe, Mildred Istona, B. Quebec, Gary McKenzie, Ann Dunsmore, Anne Grenon, Alice McGinn, Mary Hrobelski, Dor Kuryliw, Peter Schneider, Karen Kidd, Richard Buyarski, Helen Koski, Marie and Paulette Noel deTilly; Roy C. Barnes, viola; D. B. Fraser, E. H. Lemke, Bill Kuryliw, cellos; Oscar Koiniek, G. England, basses; Paul Groote, Ilona Lindberg, Don Galbraith, Carole Meades, Bill Noble, Nancy Hardy, woodwinds; Stuart Harris, Stuart Stelmack, Judith Westaway, Nancy Purchner, Gail Smith, Earl Simard, Jean Galbraith, brass; and Ella Minkila, piano.



Almost all the members of Bill Stemp's shift were on hand last month to say farewell to the popular smelterman as he punched out for the last time prior to going on Inco pension. He is pictured above during the brief presentation ceremony in No. 2 dry, at which he received a purse of money from his fellow workers. In the foreground, from left to right, Wilf Jacques, Bill, Tom Wheatley and Ed Corby.

## Bill Stemp Had 22 Inco Years

Bill Stemp, who went on pension last month with credited service of 22 years and six months, came to Copper Cliff with his family in July, 1930, and went to work with Fraser-Brace on construction at the Copper Refinery. Meanwhile, his eldest son, Charlie, got a job with Inco and it was not until four months later that his father joined him at the smelter, where Charlie is now a shift

boss. So the son actually has longer service with the Company than his dad, an unusual situation.

At present, Bill stays with his son in Copper Cliff but says he plans to "do a bit of traveling as soon as I get used to taking things easy. I have a son in Welland (Alan) and another in the Royal Canadian Air Force (Donald) at Penhold, Alberta. I hope to visit them one of these days."

Bill's main ambition at the moment, however, is to return to the county of Surrey in England for another holiday. "I would like to see the family again while I have a chance," he said.

He came to Copper Cliff from Welland

following the death of his wife early in 1930 and his first job with the Company was at the smelter boiler shop.

Later he worked with the bricklayers, was a guard on the main gate, and clerked on the transfer scales at the nickel converters.

He enjoys watching the Sudbury Wolves play hockey or seeing his friends in action at the Copper Cliff Curling Club.

An indication of Bill's popularity with his fellow workers was the purse of money they presented to him following his last shift. Inside the wallet was a card bearing the names of the contributors, and there were 132 signatures, representing almost all the men on his shift.

## Fred Faddick Served 44 Years

The hourly rate employee with the largest service on the Copper Cliff payroll was the distinction held by Fred Faddick when he retired last month on Inco pension. He was on the job for 44 years.

Fred started with Inco at the old Crean Hill Mine in 1907. He later worked at the Creighton roast yards; he came to the Copper Cliff smelter in 1922. He spent 11 years there before transferring to the crushing plant, where he was employed at the time of his retirement.

A popular figure around the Copper Cliff plant, Fred was known by one and all for



MR. AND MRS. FRED FADDICK

his punctuality. The story goes that members of the pay office used to set their watches by him as he passed the general office at 2:22 p.m. when he worked the afternoon shift. He says he will miss his work and the gang at the crushing plant much. A very active man, he still rides his bicycle into Sudbury on business trips or to visit friends.

Fred plans to live "somewhere in the Sudbury district"; he and his wife are still shopping around for a house.

Born in the Ukraine he came to Canada in 1907 and went directly to Crean Hill. He was married in Copper Cliff in 1910 to Pearl Sparkle.

The Faddicks have four daughters, Anne (Mrs. J. L. Quigg) of Toronto, Mary (Mrs. Jack Gladstone), Rose (Mrs. C. McGilvary) and Greta (Mrs. K. J. Steel) all of Copper Cliff, and one son, Raymond, who works at the coal plant in Copper Cliff. There are five grandchildren.

The four girls were talented figure skaters and were prominent performers in the brilliant carnivals staged by Copper Cliff Figure Skating Club in its heyday.

# INCO FAMILY ALBUM

The Triangle camera took a whirl right around the Inco family circle to get a full turnout for this Christmas edition of ye olde Album. In this layout we greet: (1) Dr. and Mrs. J. C. Bowen (Inco Medical Centre, Sudbury) and Joey, 2½. (2) Mr. and Mrs. George Deschenes (Frood-Stobie Mine) with Georgette (Mrs. L. Menard), Jean (Mrs. G. McNair), Claudette, and (back row) Ronald, George, and Raymond. (3) Mr. and Mrs. R. Richards (Creighton Mine) with Bob, 8, and Sharron, 9. (4) Mr. and Mrs. Ernie Holgate (Copper Refinery) with Timmy, 10, Mike, 7, and Ricky, 12. (5) Mr. and Mrs. Wesley Bragg (Levack Mine) with Wesley Jr., 3, Bonnie, 11, Anne, 9, Michele, 8, and George, 16 mos. (6) Mr. and Mrs. John Weloski (Coniston) with William, 7 mos. (7) Mr. and Mrs. Jim Turton (Frood-Stobie Open Pit) with Bob, 9, and Louise, 3.



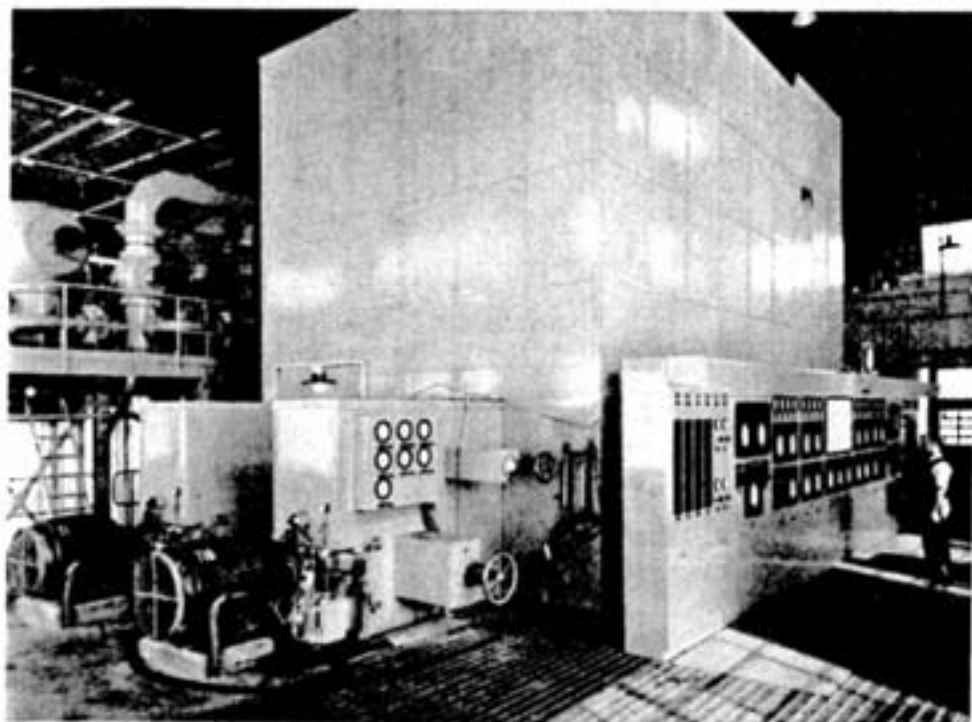
# INCO FAMILY ALBUM

And on this side of the street we extend the heartiest greetings and salutations of the Festive Season, with every good wish for health and happiness in the New Year, to:

(1) Mr. and Mrs. John Schijns (Copper Cliff Concentrator) with John David, 4, Anne, 2½, and Paul, 5 mos. (2) Mr. and Mrs. Alvin Leeman (Lawson Quarry) with Alva Lee, 8, and Ara Linda (10). (3) Mr. and Mrs. Herve Bertrand (Copper Cliff Smelter) with Aurele, 21 mos., Diane, 5, and Susan, 3. (4) Mr. and Mrs. Jack Ferguson (Garson Mine) with Jim, 9, Bob, 12, and Charles, 15. (5) Mr. and Mrs. John Didone (Inco Pensioners, Copper Cliff) with Ontario, Gino, Florindo, and Armenio. (6) Mr. and Mrs. Lloyd McDonald (Nickel Refinery, Port Colborne) with Gwen, 8, and Heather, 9. (7) Mr. and Mrs. Paul Poulin (Murray Mine) with Marie, 6, Rejeanne, 2, and Jean-Paul, 4.

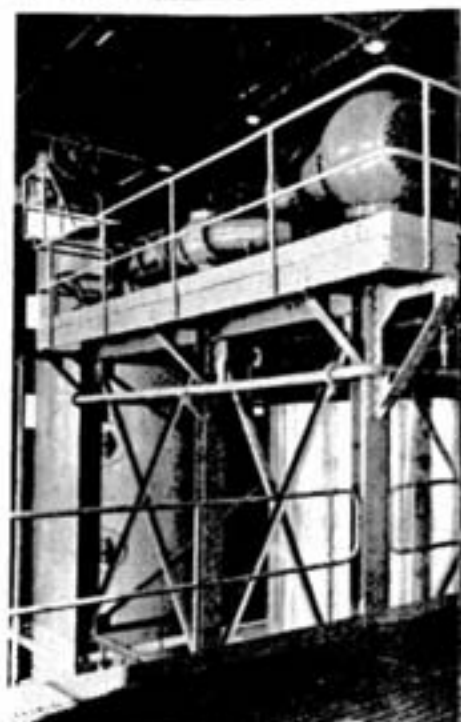






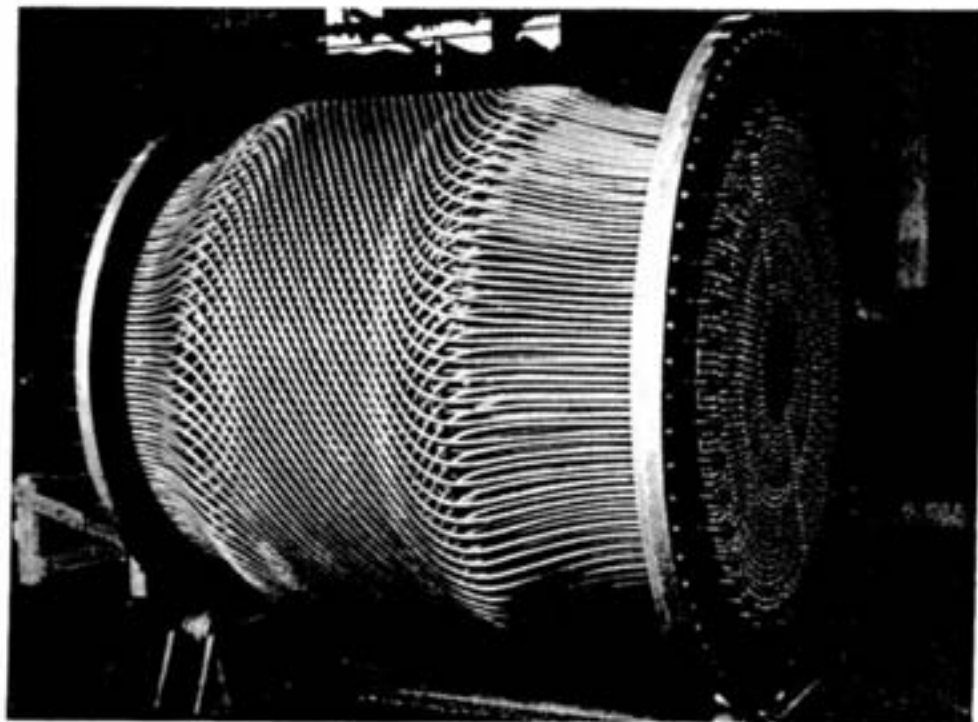
## *Nerve Centre of the Oxyton*

The operator at the right is checking readings on the 35-foot-long control panel, the nerve centre of the Oxyton. The main liquefaction equipment is located inside the large, high casing behind the panel. In the foreground at left are 2 turbo-expanders which operate at a speed of 10,000 rpm and provide the refrigeration for the Oxyton plant.



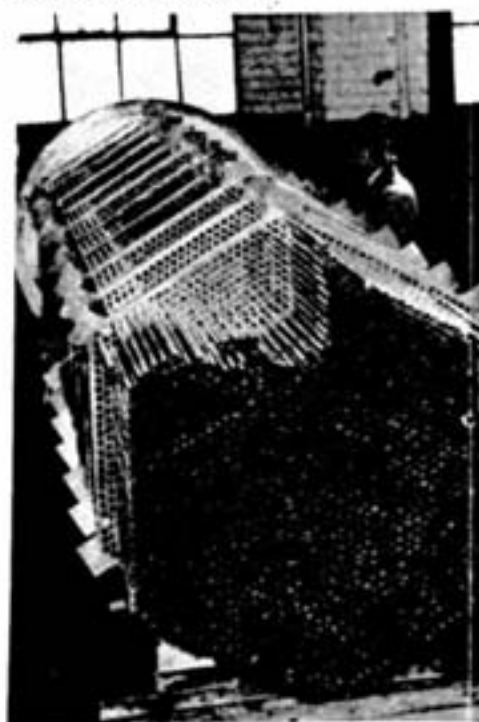
## *Have Insulation*

Here, behind the steel framework may be gen regenerator which are aluminum-sh thick. On the platform above are autom of air, oxygen, and nitrogen. One of the its type in the world.



## *One of the Plant's Exchangers*

One of the several wound coil exchangers in service at the Oxyton plant is pictured above. This exchanger contains about 900 copper tubes wound in coil form. These exchangers are housed inside copper shells. Liquid air rich in oxygen circulates through coils, cooling nitrogen which passes between the inside walls of the shells and the coil tubes.



## *Where Oxygen is*

Here a workman in the Canadian Liqu division at Montreal inserts copper tubes in plant, each of which contains 1,800 tubes or in the large vessels the vaporizers are use gaseous state.





## One Foot Thick

As seen the top portion of the oxygen and nitrogen-heated and packed with insulation one foot thick automatic switching valves for controlling the flow of gas. The valves, made in Montreal, is the largest of



## Vaporized

Canadian Liquid Air Co.'s engineering and construction in one of the 2 main vaporizers for the Oxyton one inch in diameter and 16 feet long. Housed in a building to vaporize oxygen from the liquid to the

# Oxygen by the Ton is Produced In Unique Plant at Copper Cliff

The only one of its kind in Canada, a tonnage oxygen unit for production of the vast quantities of oxygen required for the direct flash smelting of copper concentrates has been placed in operation at Copper Cliff by Inco. The Company's new oxygen flash smelting process eliminates the fuel normally required for smelting and makes economical the present large-scale output by Canadian Industries Limited of liquid sulphur dioxide from furnace exhaust gases.

International Nickel's operations call for a volume of more than 7,500,000 cubic feet of oxygen every day—enough to fill 32,000 standard cylinders. The Company's oxygen plant produces 300 tons of 95 per cent pure oxygen every 24 hours. This totals 2,750,000,000 cubic feet of oxygen per year, more than three times the annual volume of oxygen produced by all other gas manufacturers in Canada.

The oxygen plant, designed and built for International Nickel by Canadian Liquid Air Co., Ltd., and known as an "Oxyton," separates the oxygen from atmospheric air by the liquefaction process, using the same basic principles involved in smaller commercial oxygen plants. The air is liquefied under pressure in a series of compressors, regenerator heat exchangers, distillation columns and other equipment. Finally, the oxygen is separated from the other constituents of the atmosphere—nitrogen, argon, neon and krypton. In gaseous form, the oxygen is then carried in a 16-inch diameter elevated pipeline from the Oxyton to the smelter, a distance of 6,000 feet.

As temperatures as low as several hundred degrees below zero are involved in the liquefaction process, special consideration had to be given to the types of metals and other materials employed in certain parts of

the oxygen generating unit. For example, the important regenerator heat exchanger system consists of two nitrogen regenerators, each eight feet in diameter and 17 feet long, and two oxygen regenerators, each four feet in diameter and 14½ feet long.

While one pair of regenerators chills the incoming air, the other pair is being chilled by the separated gases. Working temperatures range from 80 degrees Fahrenheit to minus 280 degrees. Since most ferrous metals suffer a marked increase in brittleness at sub-zero temperatures, the regenerators were made from special 8½ per cent nickel steel, developed by International Nickel for low temperature use. Incidentally, the regenerators are of welded fabrication, type 310 stainless steel electrodes being employed.

Two other interesting pieces of equipment in the oxygen plant are a specially built oxygen compressor and a huge air-turbo compressor (required for the initial compressing of the air), one of the largest of its kind in the world.

Despite its size and intricacies, the operation of the Oxyton is essentially automatic, once the liquefaction process has been started. Control and metering are carried out by modern electronic equipment with over 40 control instruments centralized on a huge operating panel—the nerve center of the plant.

The far-reaching possibilities of large-scale oxygen applications in metallurgical and chemical industries have been recognized within recent years by leading research scientists. Their studies lead to the conclusion that oxygen, employed in tonnage volumes, will transform many present industrial processes within the next generation, with International Nickel among the leaders pointing the way.



Bird's eye view of the control panel.



(LEFT) It's no shame for a goalie to get the heebie-jeebies when a scene like this suddenly jells in front of him. The gents with the dangerous air are three well-known Wolves, Frank King, Hub Beaudry and George DeFelice. (RIGHT) Heartily enjoyed by members of the Wolves' rearguard are some rather pointed remarks in the Sault Daily Star about the way the Soo Greyhounds were buffeted about in a recent Sudbury engagement; left to right are Al Miller, Andy Anderson, Lennie Speck and Orval Lavell.



A clean and orderly dressing room has a lot to do with keeping up a hockey team's morale. When the Wolves arrive at the Arena to dress for a match they find their uniforms neatly arranged for them, one of many jobs done for them by Gary Fletcher, stick boy, and "Boogey" Meisenheimer, trainer, shown here in their lair.

## Wolves Setting An Attendance Mark in NOHA

That free-wheeling, dippy-doodling, trigger-happy band of young men designated on the scoreboard as the Sudbury Wolves are, on a population basis, one of the best-supported hockey teams in the world.

At least that's the way Uncle Extra figures it with his calculating pencil and the information at his command.

Sudburians think so much of their Wolves that they are shattering all Northern Ontario hockey league attendance records to watch them in their home games. In the 13 home engagements they have played to date this season the Wolves have drawn an average of better than 5,000 fans per game, and have established a new attendance record for a single scheduled match by luring 6,400 customers through the merrily-clicking turnstiles. That mark has been exceeded in this section of the hockey world only by the 6,665 persons who jammed into Sudbury Arena to see the Wolves and the Kitchener-Waterloo Dutchmen in last year's Ontario finals.

Averaging only about 3,600 fans per game



(LEFT) During a breather at a practice session, Alan Duncan, team manager, chats with a great Sudbury scoring combination, Nick Tomiuk, Gordie Heale, and Andy Milne. Although he was about to become a father, Gordie was bearing up pretty well. (RIGHT) Yogi Kraiger grins and takes it, but Red Barrett gulps and blinks in dismay as Coach Maxie Silverman, president of the Wolves, gently breaks the news that the two defencemen are fined \$5.00 each for missing a practice while he was out of town on business.

in league play last year, the Wolves played second fiddle to Soo Greyhounds, who drew an average attendance of 4,185, then an NOHA record. This year's Sudbury attendance is not only far surpassing that mark but is also hard on the heels of the sensational 5,200-fans-per-game binge up by Saskatoon in the 1952-53 season when that little Saskatchewan city was rocking its Quakers to the Western Professional Hockey League championship.

When Sudbury's magnificent new arena was taking shape there were many who thought it far too big and said the Wolves would never fill it. How completely that pessimism has been discredited, and in such a short time!

On a population basis, the Wolves are, of course, outdrawing the National Hockey League teams, and they have even pulled larger crowds than teams like the New York Rangers, head for head, on the same night.

The fans are getting their money's worth, too, as Wolves continue to stage a neck-and-neck race with Soo Greyhounds for the leadership of the northern loop. The Hounds enjoyed a single point margin at press time but had played one more game.

In the individual point race, North Bay's Ab DeMarco continues to set a blistering pace. The flashy centre has run up a total of 60 points, 22 more than his nearest rival, Bruce Giesbrecht of the Pembroke Lumber Kings is second with 38, followed in order by George "Goose" Gosselin and Don Hogan of the Trappers, Nick Tomiuk and Gordon Heale of the Wolves, Lionel Barber of Pembroke, Laurie Peterson of the Soo Indians, Mauno Kauppi of the Wolves, and Henry Backer of the Indians. Only 11 points separate the second-place Giesbrecht and Backer.

And here are a few "inside" angles on those popular young men, the Sudbury Wolves, gleaned by a gossip:

Goalie Andy Anderson doesn't get enough skating while he guards the nets so he takes to the blades for pleasure every morning. . . . Johnny Baby imitates animals and is fondly referred to by his team-mates as "The Moose" . . . George DeFelice likes to relax and smoke a cigar on bus trips and thereby draws the ire of his companions . . . Andy Milne is the team's musician and strums his ukulele while the boys in the back of the bus exercise their vocal chords. . . . The singers on the team are Lennie Speck, Hub Beaudry and Red Barrett. . . . Yogi Kraiger takes lemon in his tea. . . . Orville Lavell is the gagster and amuses the boys on long bus trips with his inexhaustible supply of jokes. . . . Trainer "Boogey" Meisenheimer is the only superstitious member of the team. It's good luck if he opens the dressing room door for the team to pass through. . . . Frank King is always giving odds. . . . Team captain Gordon Heale likes to sleep and read on bus trips. . . . Gil St. Pierre prefers to talk shop. . . . Al Miller and Nick Tomiuk are considered "good listeners" by the story tellers. . . . The "Kid Line" of Yacker Flynn, Tatter McLellan and Mauno Kauppi, call themselves "the three little old guys" and spend most of their spare time together; next to hockey, they prefer fishing and hunting.

#### ECONOMICS

"The wool for this suit I am wearing," observed Smith, "was grown in Wyoming. The cloth was woven in Massachusetts. The thread came from England. The suit was made in Chicago and I bought it in San Francisco."

"So what?" commented his companion. "Don't see anything so remarkable in that."

"But isn't it wonderful," continued Smith, "that so many people can make a living out of something I haven't paid for?"

The great use of a life is to spend it for something that outlasts it.—William James.



## Three Men in a Tub

Three booming bathroom baritones give tongue in a joyous rendition of "Who Put the Overalls Etc." They're Mauno Kauppi, Yacker Flynn and Tatter McLellan, affectionately described by Andy Anderson as the oldest "kid line" in the history of hockey. They're also one of the main reasons why Sudbury Wolves are picked to repeat this year in the NOHA. The tub is the whirlpool bath in the Wolves' dressing room, specially designed to take the stiffness and soreness out of aching old joints.

## Gus Bontinen Takes Pension

A passenger on the stage from Sudbury to Copper Cliff one day in 1899 was little Gus Bontinen, 11 years old and full to the brim with excitement over arriving in Canada at last. With his mother and his brother Johnny he had come from Finland to join his father, who was employed by the Canadian Copper Co.

By the time he was 13 Gus had hustled himself a job picking rock at No. 2 Mine, and from then until he retired on pension last month at the Copper Refinery, he was

fitter for John Garrow, and he was a charge boy at the old Cobalt Plant.

He worked for Mond at Garson and Frood, and helped hand-drill the first hundred feet when they started sinking No. 1 Shaft at Levack. He went underground at Creighton for Jack Brown, took a job in Leonard Bros. store at Victoria Mine, mined at Crean Hill. In 1920 he joined the Algoma Central Railway and was section foreman at Oba and Hawke Junction for nine years. Returning to the Nickel Belt he worked with Fraser-Brace on construction of the Ontario Refining Co. plant, liked the layout there, and signed on permanently. When pension time came around he was a 2nd class machinist, and everybody in the plant had a good word for him.

The Mechanical Department gave a retirement party for Gus at the Caruso Club, and it was a dandy. Bob Rodger, superintendent of the department, presented Gus with a fine gold watch as a memento from all his old pals, and reviewed his years of valuable service to the Company, with special reference to his skill as a snow plow jockey.

Gus was married in 1910 to Alma Kinnen, who passed to her last reward this year. They had a family of four: Arthur of Copper Cliff, Martha (Mrs. W. Maki) of Creighton, Esther (Mrs. Jack Morben) of Skead, and Eva (Mrs. J. Warren) of Vancouver.

#### FAME

She was not one for greatness, unless it could be such  
A small thing as flowers growing, as if they knew her touch,  
The way her curtains blew, crisp-starched, upon a summer breeze;  
Her tolerant smile when children came and climbed her apple trees;  
The way she'd stop her daily chores, and prop a ladder up  
To place a bird back in its nest; her way with each stray pup;  
The way she'd be the first to come, when tragedy struck deep,  
And bring a spicy apple pie, and yet would silence keep.  
She lived her years so quietly, nor reached an inch to fame,  
But never a day goes past but what we do not speak her name.

—Beulah Fenderson Smith.



Youthful Gus Bontinen holds the gold watch presented to him on his retirement by Superintendent Bob Rodger of the Copper Refinery Mechanical Department.

always on the go, always cheerful, and always popular.

He drove a livery team for R. A. Waite, he helped pull stumps at the new smelter site, he was water boy on the night shift during construction of the smelter, he was a pipe-



## Lively Opens New Municipal Building



The model town of Lively has acquired a smart new municipal building containing a council chamber, executive office, and police office, with an apartment in the basement for the fire chief. The building's heating unit also takes care of the adjoining fire hall which houses a 500-gal. LaFrance pumper, a combination snow plow-truck, and a bulldozer-loader.



In this picture Mayor Elliott of Lively presents the traditional key of the city to J. R. Gordon, vice-president and general manager of Inco, at the official opening of the town's new municipal building. Taking part in the presentation, left to right, are Councilors Neil Ogilvie and Clarence Meaden, J. R. Gordon and Mayor Elliott, Town Clerk Don Dixon, and Councilors Jim Martel and Boyd Thompson. Not shown are Councilors Ed Whiting and Dennis McKinty.

## Christmas Trees Are Planned for 15,000 Children

As the Triangle went to press Santa Claus had bundled together an extra heavy load of candy and toys in preparation for his visit to more than 15,000 Inco children at their annual Christmas Tree parties.

In addition, he had a letter from the Lively Athletic Association asking him to include their town on his list of stops in the Sudbury district. It will mark the first time the Lively association has sponsored a Christmas Tree party for the children and brings to 10 the number now being held in

Inco centres.

"Visit as usual" invitations were also received at Santa's North Pole home from athletic associations at Frood-Stobie Mine, Creighton Mine, Garson Mine, Levack Mine, Murray Mine, Copper Cliff, Copper Refinery, the Lawson Quarry Recreation Club and schools and churches in Coniston.

Doors at the Inco Employees' Club were scheduled to open at 11 a.m. on December 20 for approximately 5,000 children of Frood-Stobie workers. Santa was expected to be in attendance until 4:30 p.m. distributing toys and candy. Musical items and movie shorts will round out the program. Members of the Christmas Tree committee there are C. H. Stewart, president of the association, Eldred Dickie, chairman, Wes Johnson, Andy Rayne, Vic Leroux, Jess Basden, Mike Malloy, George Quigley, Oliver Penman and Bruce King.

Creighton Mine Athletic Association will

follow the same program as last year when they treated the children to a theatre party. Children's movies will be shown at the Reo Theatre on December 20 at 2 p.m., with Santa Claus handing out gifts following each performance. For children of Creighton workers living in Sudbury, arrangements have been made with the Copper Cliff association to include them in their theatre party on December 19. Some 1,300 children are expected to attend the movies. Committee members are Tom Starkey, chairman, T. J. Deacon, J. Martel, P. Nicholas, P. Britton, G. Lynn, C. Goodward, J. Krystia, E. Wunsch, A. Pellatt, J. Hutton, T. Shannon and G. Bigneault.

Lively is going all out for its first party in an attempt to make it one of the best in the district. Festivities get underway at 1:30 p.m. on December 20 at the Creighton Mine Employees' Club and will last until 5 p.m. Santa Claus will supervise the distribution



of toys and will have his helpers circulating among the children. Between 950 and 1,000 children were expected to attend. Jack Carroll, chairman, G. R. Mahon, R. Porter, H. Haas, H. Duncan, B. Morrison, G. Donnelly, C. Lebrache, F. Buchy, J. Purdy, R. Davey, B. Wellington, D. Yates, H. Levack, L. Hayes, P. Stevens, J. Wilkie, K. Glynn and G. Pidgeon are on the organizing committee.

Two parties will be held at Garson on the 30th, one in the afternoon and the other in the evening to accommodate in two shifts an expected 1,200 children. Local and district artists will provide entertainment until Santa Claus arrives. He will distribute the candy and toys. Members of the Garson committee are N. Wadge, chairman, O. Matson, M. Young, J. McIver, H. McKinnon, A. King, L. Hellman, V. Stone, A. Bowen, J. McCauley, E. Mills, T. Scanlon, P. Desjardins, G. Sullivan, B. Osborne, G. Secker and O. Cull.

Levack has also arranged its party in two shifts, with the pre-school children attending at 2 p.m. and the older children at 7 p.m. The high school students got into the act by wrapping the gifts that Santa will distribute to about 1,000 children. The air cadets will act as ushers at both shows. A concert by the children's choir and community singing will precede the appearance of Santa. Lloyd Davis, chairman, Gordon French and E. M. Wrixon form the committee in charge.

Lawson Quarry Recreation Club will again entertain the children at the school on December 21. An estimated 150 children will receive gifts from Santa Claus. Party arrangements were made by R. Dow, chairman, W. Tilson and Mrs. Kerr.

Presents and candies will be the reward for 750 children attending the Murray Mine party at the Inco Employees' Club in Sudbury from 2:00 to 8:00 p.m. on December 19. Appropriate Christmas movie shorts will be shown and a light lunch will be served to parents attending with children. Members of the Murray Christmas Tree committee are Alex Killah, chairman, Bill Stevenson, Doug Dimes, Harry Towns, Maurice Lavoie, Harry Smith and Carl Nesbitt.

Four Sudbury theatres have been booked by the Copper Cliff Athletic Association for 10 a.m. on December 19. Children's movies will be shown and Santa Claus will visit each theatre to supervise distribution of candy and apples. Free transportation has been ordered to serve Coniston, Copper Cliff and McKim Township. Some 3,600 children are expected to attend. Gordon McLean, Angus Harrison, Jack McKinnon and Tommy Crowther covered party arrangements.

Monday, December 21, from five to eight p.m. is the time set aside at the Inco Employees' Club in Sudbury for the Copper Refinery party. Two films—Three Little Bruins in a Canoe and Christmas Night—will be shown prior to the appearance of Santa Claus, who will present each child with a bag of candy and a toy. The committee in charge consists of Graham Dick, chairman, Ernie Holgate, Bill McBain and Howard Caldwell.

Copper Cliff Club announces that a Christmas square dance will be held on December 26, starting at 8 p.m. Sons and daughters of club members who are 10 years of age or over and are attending school are invited to the dance until the 10:00 p.m. intermission.

#### SEE THE POINT

The hunter's bird dog came to a point looking straight at a stranger. The hunter looked all around, but couldn't see a single bird. Finally he said to the stranger: "That's odd. My dog never did that before."

"Perhaps I can explain," said the stranger. "My name is Partridge."

## Dan Forestell Well Regarded

When Dan Forestell retired on disability pension with 37 years and four months of credited service and the respect of all who know him, he assured himself lots of company by buying a house on Coniston's Edward Avenue.

"They'll soon be calling it Pensioner Avenue," Dan said. "There are seven Inco pensioners living on Edward now — Manuel Leclair, Isadore Pilon, John Soroka, Mrs. Percy Johnson, Andy Walker, Otila Lalonde and myself."

Dan came to Coniston from Marmora, Ont., in 1915 and started work in the smelter almost



MR. AND MRS. FORESTELL

immediately. He was a skimmer for three years and then transferred to the transportation department as a brakeman. He later became a conductor and served as spare yardmaster up until one year ago when he was made assistant yardmaster. He became yardmaster last April.

He was married in Sterling, Ont., in 1916 to Lena Smith, and to this happy union 11 children were born. Jim and Francis both work at Coniston smelter. Michael lives in London, Theresa (Mrs. B. A. Hewitson) is at Prescott, Pat in Long Lac, Patricia in North Bay, and Bernard at home. Three of their sons — Bob, Danny and Thomas — were killed overseas during the Second World War while serving with the Royal Canadian Air Force. A fourth son, Ambrose, died at the age of 14. They have nine grandchildren.

Mrs. Forestell, on behalf of Silver Cross Mothers in Coniston, was selected to unveil the community's new cenotaph in honor of the war dead at special ceremonies on November 8.

## Mike Tataryn Inco Pensioner

With six children and 15 grandchildren living in the Sudbury district, Mike Tataryn had no trouble making up his mind where he would settle down when he retired last month on Inco pension with credited service of 21 years and three months.

A popular figure around Frood-Stobie where he worked in the dry at No. 3 Shaft, Mike started at the mine in 1928 and helped sink No. 3. He left the Company a short time



MR. AND MRS. MIKE TATARYN

later but returned in 1931.

A driller underground, he was transferred to surface in 1934 because of ill health and worked in the dry up until the time of his retirement.

He was born in the Ukraine and came to Canada in 1911, settling first in Espanola. He was married there two years later to Mary Kopach. He came to Sudbury in 1928.

Mike's family is well represented at Inco: Anne's husband, Andy Marcineshyn, works at Creighton, Katie is married to John Hlywko of Frood Mine, and Sonny works at the Copper Cliff Hospital. Three other children, Steve, Lina (Mrs. Bill Shack), and Nellie (Mrs. John Kozak) live in Sudbury.

## Lance H. Cooper is Inco Vice-President

Lance H. Cooper, of London, Eng., chairman of The Mond Nickel Company, Limited, has been elected a vice-president of its parent company, The International Nickel Company of Canada, Limited, Dr. John F. Thompson, chairman of the board of directors of Inco, announced. He will assume his new office on January 1, 1954.

Mr. Cooper joined The Mond Nickel Company as chief accountant in 1926, and in 1928 was appointed secretary of the Company. In 1945 he became a director of Mond and subsidiary companies, and subsequently served also as an assistant secretary and assistant treasurer of the International Nickel Company of Canada, Limited. He was named chairman of Mond in January, 1951.

Mr. Cooper served in World War I as a gunnery officer and World War II as a major in the Home Guard, being awarded the Member of the Order of the British Empire (M.B.E.) for the latter service.

#### IMPURITY!

Smith's symptoms were alarming enough to take him to a doctor for a check-up. Having fortified himself at a tavern, he went through the examination and awaited the report in the reception room. When the doctor appeared, Smith asked eagerly, "What does the report show, Doc?"

"According to this analysis," answered the medico, "there is every indication that a small percentage of blood is getting into your alcohol system."

#### OR LIFE MEMBERSHIP

By mistake MacPherson had put half a crown into the collection box. He left the church a broken man.

On the following Sunday he took his seat, and after a while the box came around.

Glancing swiftly at the sidesman he muttered with a slight cough, "Season ticket."

## Inco Pays off with Another \$1,000 Award



Blissfully happy behind a mound of one thousand dollar bills is Alf Mitchell, latest Inco man to click for the \$1,000 award under the Employees' Suggestion Plan. Shown with him and Mrs. Mitchell are: (front) Doris (Mrs. Jim St. Jacques) and Phyllis; (back) Lois and Harry.

## Suggestion Plan Continues to Reward Brains and Ingenuity

"One thousand dollars! Boy, oh boy, oh boy!"

Alf Mitchell took a long look at the cheque, sighed ecstatically, then handed it to his wife.

"Look, Mother. Just look," he murmured. "One thousand dollars! Boy, oh boy, oh boy!"

Mrs. Mitchell looked. Her daughters and son crowded around and looked. They thumped Alf on the back and shook his hand. There was a dreamy expression on his face. "Don't wake me up," he said.

And so for the seventh time since the inception of the Inco Employees' Suggestion Plan, the maximum award of \$1,000 was picked off the other day. As is usually the case, the idea that won it seems like a simple one now that somebody else has thought of it. A. C. Mitchell of the sinter plant at Copper Cliff suggested that the long wool bags be salvaged by sewing on a new section when the bottoms fail, instead of throwing them away.

The award came like the answer to a prayer, as far as Alf Mitchell was concerned. That morning he had received a letter from his sister Doris, who lives near their old home at Portsmouth, England. "Do come and visit me, Alfie," she wrote. "It must be 30 years since we met."

"I'll fly over there if it's the last thing I ever do," Alf vowed. A few hours later he had received enough money to pay for the trip twice over.

Alf, who has been about 17 years with Inco, will TCA to England early next year. His wife would love to go with him but she's mortally afraid of flying machines.

Other men who have pulled down the Suggestion Plan's \$1,000 jackpot are Pete Deniel of Open Pit and the following Copper Cliff Smelter employees: Charlie Brown, G. B. Tremblay, W. E. Gillen and E. Dupuis, Joe Sobki, and Bill Gowan.

Alf Mitchell's award brings to almost \$55,000 the amount distributed to employees by Inco for ideas that pay off in improved production methods or efficiency. Up to December 6 there had been almost 17,000 suggestions submitted under the plan, of which 6,548 came from the mines. The payoff list showed that idea men from the mines collected \$8,501; copper refinery, \$5,556; nickel refinery, \$5,366, and power plants, \$175.

Of the many other happy guys who have benefitted by the Suggestion Plan during the past month, the Triangle has visited a few: Hedley Williams has turned in suggestions



### They Split \$386.00

Mutual congratulations are expressed by Fred Maitland and Dan Thompson, who collected \$193.00 each at the Open Pit for an idea to save haulage truck wheels.



### \$200.00 for Ken

Norman White, master mechanic at Frood-Stobie (right) offers his warm congratulations to Ken Leach, who suggested an improved method of handling slushers.



## \$292.00 Richer

"Well, bless my aching body," states Hedley Williams of Copper Cliff as he gazes with undisguised delight upon a certain document bearing no income tax.



## Collected \$51.00

An invalid mother's admiration is expressed to her son, Charlie Lineham, for the effort which earned him a Suggestion Plan award.

before but the \$292.00 he received this month for his idea on welding Coniston blast furnace water jackets was the first one to pay off. "What a time to get a cheque like this," Hedley beamed. "Who said there isn't a Santa Claus!"

The money will help make a merry Christmas for his wife and three children, Jimmy, 4; Doug, 2, and Gary, 1.

The \$388.00 that Fred Mainland and Dan Thompson of the Froot-Stobie Open Pit split has also been earmarked for Christmas, although Dan, who is single, says some of his will find its way to the bank for a "rainy day." They suggested the addition of extra wheel studs to the rear wheels of the Mack haulage trucks. Fred's two children, Jeanne, 9, and Danny, 3, have big ideas about Christmas and Santa's visit so he says the \$123.00 will take some of the pressure of him.

George Evershed of Coniston rang up his second suggestion to be accepted when he got \$60.00 for his idea on unloading coal by the Brown hoist instead of by hand. His first winner was five years ago when he



## A \$60.00 Bonus

George Evershed of Coniston hears his wife utter those magic words, "Well done, boss man," as a cheque comes in for his coal-unloading suggestion.

received \$59.00. "This sure comes in handy. I've been sick for a couple of days with the flu, but this will more than make up for the lost time," he said. George has two children, George, Jr., 13, and Jim, 11.

"It certainly solves my Christmas problem," Charley Lineham of the Copper Cliff concentrator said when he received his cheque for \$51.00. "I was just beginning to wonder where I was going to get the money to buy all my gifts. I certainly wasn't expecting this." Charley, a single man, lives in Copper Cliff and helps support his 79-year-old mother. He suggested they relocate underflow pumps at the concentrator to stop flooding of motors on Nos. 10 and 11 thickener cones.

Ken Leach, who rang down \$200.00 for thinking up an improved method of handling the 125-hp slushers at Froot-Stobie has a son, Greg, who, at 3, will probably get himself a fat cut of that big cheque his pappy is getting.

## Time Now for Those Odd Jobs

Yrjo Leino has some work ahead of him now that he has retired on Inco pension -- jobs he never seemed to have time for when he was on active service.

First, Yrjo says he has a lot of things to do at the house he purchased in Levack for his retirement, and then there are repairs to be made to the family's summer camp at Windy



MR. AND MRS. LEINO

Lake, although these will have to take a back seat to the most important business at camp, fishing.

He started in with Inco in 1926 at Garsen Mine. After nine years there he transferred to Froot-Stobie and in 1937 moved to Levack. He was driller underground until 1939, when he moved to surface work.

He was married in 1921 to Aili Puska in Finland, and they came to Canada in 1926. They have one son, Niilo, who has been with Inco at Levack for 13 years, and two grandchildren, Donna Susan, 6, and Barbara, 3.

Everything must be explored and argued. That is the only way to find out what is right. If there is nothing but uniformity, none of us will get anywhere.

## Vice-President's Christmas Card



To all members of the Inco Family:

May your Christmas be a merry one and  
may the New Year be happy and bright.

*J.R. Gordon*



# SNAPSHOTS OF LIFE WITH INCO



Bob "Snapper" Charsley, a second-generation Incolite whose dad, R. P., is an electrician at Frood-Stobie No. 7 Shaft, is photographed here at his work in the Frood-Stobie machine shop. On the universal milling machine he's milling hot roto-mill cutters for the Garson Mine steel shop. Bob's machine is a pretty versatile piece of equipment on which he can handle any milling job from cutting keyways to making a stainless steel spiral for the Research Department. Off the job in the summer Bob is one of the top performers at the Sudbury Canoe Club and in the winter he heads for the Onaping Ski Club at Levack. One year, along with Allan Duval, Rusty Hubbs, and Evan Gordon, he competed at Toronto in the Ontario paddling championships and they won the double-blade fours. Only partly shown is the beard he's sprouting on a bet with Reg Charters of Hardy Mine: first man to shave loses ten bucks. He's 28 years old and single.



More than 300 Inco pensioners in the Sudbury District and more than 80 at Port Colborne are visited each year by representatives of the Company who bring Yuletide greetings and also the \$25.00 Christmas bonus cheque. Assisting in making these visits in the Sudbury area this year has been Duncan Finlayson, retired general superintendent of smelters, who is seen above (left) getting a hearty welcome from Alex Montgomery of Copper Cliff. It was Alex who gave Duncan his first job at the Copper Cliff Smelter one day away back in 1912, and they have been close friends ever since. "You couldn't ask for a nicer job" was the way Duncan felt about his special assignment to carry the Company's good wishes to his old cronies from the plant. And of course they were all tickled pink to have him call.



Of the many fine Christmas gift displays in Sudbury this year, none was more popular than the electric train layout in the DeMarco window. Three trains and a fascinating assortment of miscellaneous equipment were in the \$1,000 exhibit.



At a Christmas concert for the patients at Algoma Sanatorium, this Copper Cliff sextet sang "Tell Me Pretty Maiden" to warm applause: Miss Jean Murphy, J. D. Buchanan, Mrs. Carol Butler, Delmar Suckow, Mrs. Beth McClelland, Gordon Harry.



At this regular Safety meeting for supervision at Creighton Mine Ted Hodgson lectured on safety practice in longhole carbide drilling. Sitting at the table are Safety Engineer Arnold Bennett and Mine Superintendent Earl Mumford.